

FIG. 1

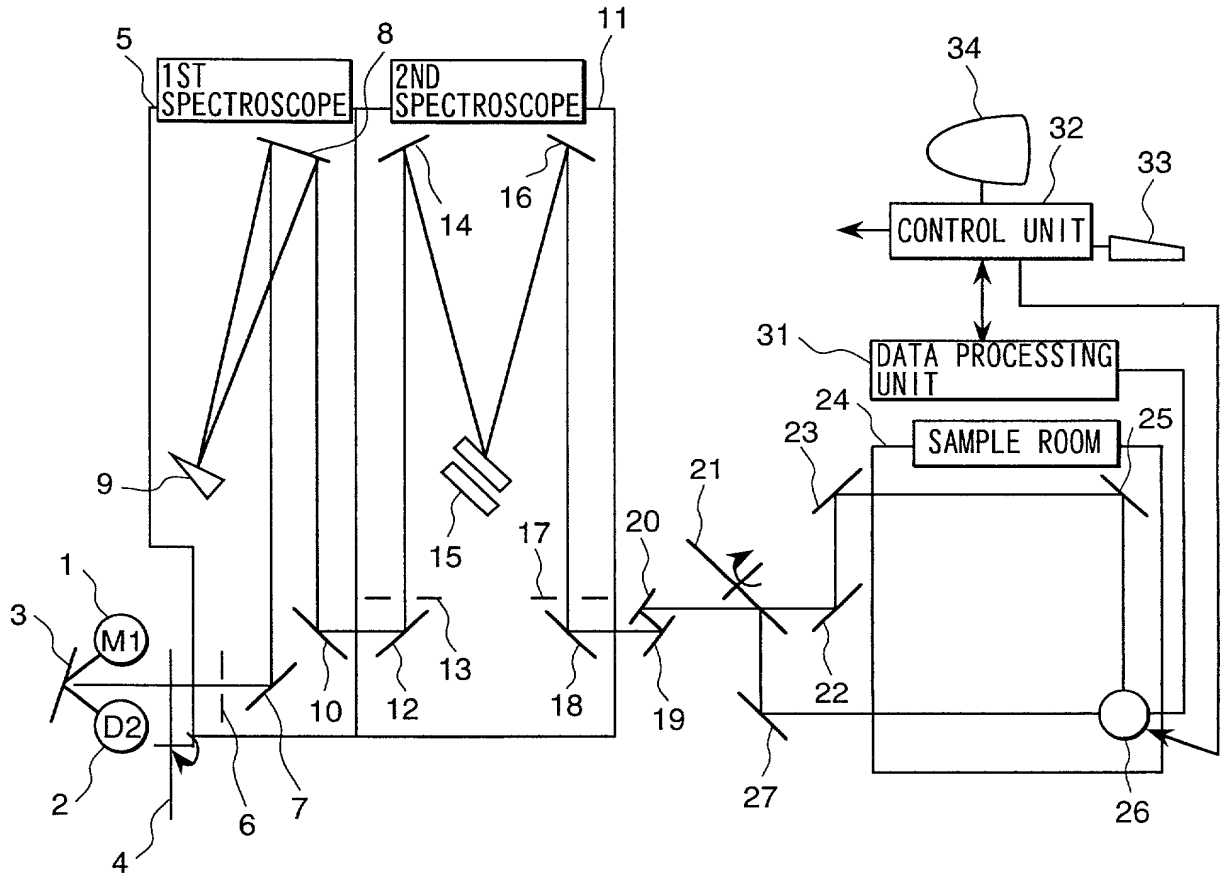


FIG. 2

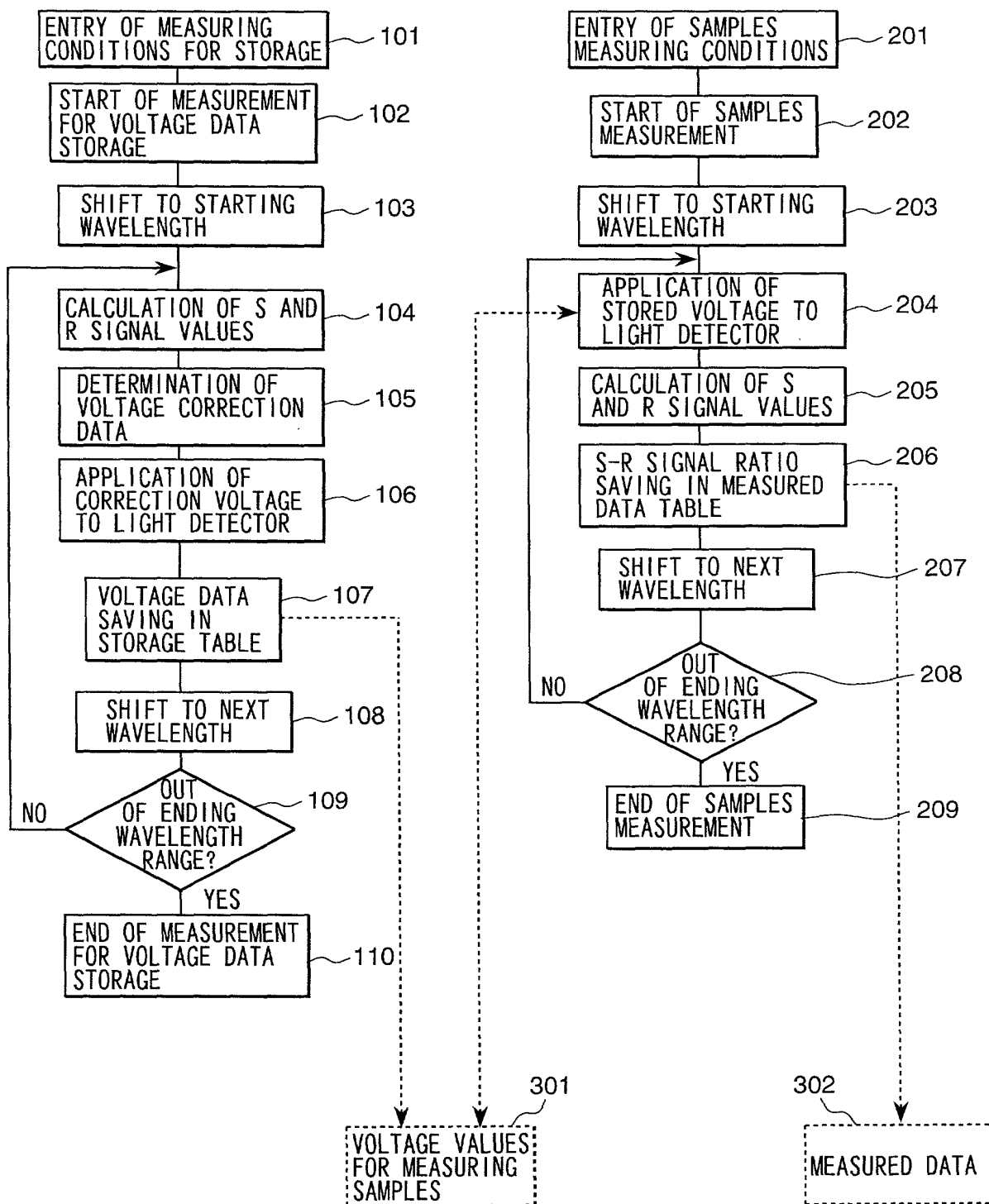


FIG. 3

VOLTAGE VALUES FOR MEASURING SAMPLES

WHEN THE WAVELENGTH SHIFTING SPEED IS EQUAL TO, TWICE, AND FOUR TIMES THAT OF VOLTAGE DATA STORAGE MEASUREMENT

WAVELENGTH	VOLTAGE VALUE (V)
$\lambda 1$	800
$\lambda 2$	810
$\lambda 3$	820
$\lambda 4$	830
$\lambda 5$	840
$\lambda 6$	850
$\lambda 7$	860
...	...

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WAVELENGTH SHIFTING SPEED:
NO CHANGE (EQUAL)

WAVELENGTH	APPLIED VOLTAGE VALUE (V)
$\lambda 1$	800
$\lambda 2$	810
$\lambda 3$	820
$\lambda 4$	830
$\lambda 5$	840
$\lambda 6$	850
$\lambda 7$	860
...	...

WAVELENGTH SHIFTING SPEED:
TWICE

WAVELENGTH	APPLIED VOLTAGE VALUE (V)
$\lambda 1$	800
$\lambda 3$	820
$\lambda 5$	840
$\lambda 7$	860
...	...

WAVELENGTH SHIFTING SPEED:
FOUR TIMES

WAVELENGTH	APPLIED VOLTAGE VALUE (V)
$\lambda 1$	800
$\lambda 5$	840
...	...